

ABSTRACT OF THE DISCLOSURE

It is an object of the present invention to provide a light emitting device of the next generation optical device having a broad emission property that a width at half maximum of an emission spectrum is large in a wavelength range of visible light and capable of recognizing white light emitting by photoluminescence (PL).

In a baking process for baking a pressure molding formed by pressure molding of silica fine particles such as fumed silica, a baking temperature is made as not more than 1000°C, hydroxyl groups of the silica fine particles are sufficiently subjected to dehydration condensation reaction so that the particles becomes transparent, a structural defect generated in the process is held without being relaxed, and thus a silica glass is generated. The silica glass is employed as a fluorescent substance.